

REMARKS

The foregoing amendment and the following arguments are provided generally to impart precision to the claims, by more particularly pointing out the invention, rather than to avoid prior art.

Claims 1, 3-9, 13-16, 18-22 and 24-28 are pending in this application. Claims 2, 10-12, 17, 23, and 29-35 were previously withdrawn from consideration. Claims 1, 3-9, 13-16, 18-22 and 24-28 are rejected. In this response, claims 1, 8, 13, 18, 20-22, 24-25 have been amended. Claims 36-63 have been newly added. No new matter has been added. Reconsideration and withdrawal of the rejections set forth in the Office Action dated February 3, 2009, are respectfully requested in view of the remarks below.

Interview Summary Statement

A telephonic interview was conducted between Examiner Thanh Ha Dang and applicant's representative, Yenyun Fu. The undersigned representative wishes to thank Examiner Dang for the telephonic interview conducted on March 5, 2009.

During the interview, the 35 U.S.C. §101 rejection in the Office action and proposed amendments were discussed. Examiner Dang provided examples of claim language that would overcome the 35 U.S.C. §101 rejection. Applicant thanks the Examiner for providing such guidance.

Applicant herein submits the amendments based on the discussion with the Examiner. No particular agreement was reached during this interview.

35 U.S.C. §101 Rejections

Claim 1, 3-9, 13-16, 18-22 and 24-28

The Examiner has rejected claims 1, 3-9, 13-16, 18-22 and 24-28 under 35 U.S.C. §101 because the claimed invention is allegedly directed to non-statutory subject matter.

Although applicant respectfully disagrees with the rejections, independent claim has been amended for the purposes of expediting prosecution. Claim 1 has been amended to recite "computer-readable storage medium" in the body of the claim, according to the Examiner's recommendations. Support for such amendments can be found in at least paragraph [0181] of the specification.

The withdrawal of the rejections under 35 U.S.C. §101 is thus respectfully requested for claims 1, 3-9, 13-16, 18-22 and 24-28.

35 U.S.C. §112 Rejections

Claims 1, 3, 21, 22 and 24

The Examiner has rejected claims 1, 3, 21, 22 and 24 under 35 U.S.C. §112, second paragraph, as being allegedly indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Although applicant respectfully disagrees with the rejections, independent claims 1, 3, 21, 22 and 24 have been amended for the purposes of expediting prosecution.

The withdrawal of the rejections under 35 U.S.C. §112 is thus respectfully requested for claims 1, 3, 21, 22 and 24.

35 U.S.C. §102 Rejections

Claims 1, 3-9, 13-16, 18-19, 22 and 24-28

The Examiner has rejected claims 1, 3-9, 13-16, 18-19, 22 and 24-28 under 35 U.S.C. §102(e) as being allegedly anticipated by *David C. Wachtel* (U.S. Patent No. 6,847,974 hereinafter referred to as 'Wachtel'). Applicant respectfully disagrees.

The cited reference does not disclose all the elements in the independent claim 1

To anticipate a claim, the reference must teach every element of the claim.

"A claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference."

Verdegaal Bros. v. Union Oil Co. of California, 814 F.2d 628, 631, 2 USPQ2d 1051, 1053 (Fed. Cir. 1987)

Applicant respectfully submits that Wachtel does not anticipate Applicant's independent claim 1 since Wachtel does not disclose each and every element of independent claim 1.

For example, independent claim 1 includes:

1. *A method of semantically represent a target entity using a semantic object, the method comprising:*
automatically identifying a set of meta-tags having associated metadata entries to represent attributes associated with the target entity in the semantic object that is stored on a computer-readable storage medium;
wherein a meta-tag of the set of meta-tags is defined using an ontology;

storing in a first metadata entry in the semantic object on the computer-readable storage medium an attribute including an access policy that specifies how the semantic object is shared over a network;

storing, in a second metadata entry in the semantic object on the computer-readable storage medium, another attribute that specifies an author of the semantic object;

sharing, over a network, the semantic object with another user via a computational device in accordance with the access policy of the semantic object; and

displaying the semantic object on the computational device.

The Examiner asserts that "Wachtel teaches a method of semantically representing a target entity ..." (Pages 5-6 of Office Action mailed February 3, 2009). Applicant respectfully disagrees.

I. Wachtel does not include the teaching of "storing in a first metadata entry in the semantic object an attribute including an access policy that specifies how the semantic object is shared over a network"

Wachtel discloses a method and apparatus for intelligent data assimilation (Title, Wachtel). The intelligent data assimilation system of Wachtel includes logical search objects that operably connect to external and internal data providers and return search results using an ontology describing atomic data objects and semantic objects. In Wachtel, the semantic objects are grouped into larger semantic structures by workflows to create customized services that return search results termed data products. (Wachtel, Abstract).

Although Wachtel appears to use semantic objects to transmit data results, there is no indication in Wachtel that this transmission is governed by a policy that is stored in the metadata entry of the semantic object, or even any policy.

For example, in Wachtel,

"The LSO collects a data set and creates a semantic object encapsulating the data set as previously described. The workflow uses the semantic object to transmit a data result to results data store 938" (Col. 25, lines 33-35)

Therefore, applicant submits that Wachtel does not describe, teach, or motivate "storing in a first metadata entry in the semantic object an attribute including an access policy that specifies how the semantic object is shared over a network", as claimed by applicant in independent claim 1.

II. Wachtel does not include the teaching of "sharing, over a network, the semantic object with another user via a computational device in accordance with the access policy of the semantic object and displaying the semantic object on the computational device"

In Wachtel, LSOs are used to parse the data returned by data providers for use in generating data into a result set.

For example, in Wachtel,

"... LSOs (logical search objects) extract/parse data returned by data providers in response to a request and to deliver the knowledge instance into an ontology for use by the request to consolidate the data into a result set" (Col. 16, lines 13-17)

Aside from being used to gather data for generating data results sets to satisfy request, Wachtel does not teach that LSOs or semantic objects are shared with users, as claimed by applicant.

Further, since Wachtel also does not disclose the subject matter related to an access policy of a semantic object, applicant submits that Wachtel cannot logically teach, or motivate "sharing, over a network, the semantic object with another user via a computational device in accordance with the access policy of the semantic object and displaying the semantic object on the computational device", as claimed by applicant in independent claim 1.

III. Wachtel does not include the teaching of "storing in a second metadata entry in the semantic object another attribute that specifies an author of the semantic object"

In Wachtel, designers, through a graphical user interface can view available LSOs and semantic objects in a repository and manipulate LSOs and select desired LSOs or semantic objects and place LSOs and semantic objects into workflows.

For example, in Wachtel,

"Through the use of a graphical user interface, **designers** view all the available LSOs and semantic objects in a repository and manipulate LSOs and select desired LSOs or semantic objects and **place LSOs and semantic objects into workflows**" (Col. 6, lines 15-19)

Although in Wachtel, the designers place semantic objects into workflows, Wachtel does not teach that individual LSOs or semantic objects have "authors", as claimed by applicant. Wachtel also does not include the teachings of "storing in a

second metadata entry in the semantic object another attribute that specifies an author of the semantic object", as claimed by applicant

Thus, at least for the above stated reasons, applicant submits that independent claim 1 is patentable over Wachtel as Wachtel does not anticipate the claimed subject matter of independent claim 1. The withdrawal of the rejections under 35 U.S.C. §102(e) is respectfully requested for independent claim 1.

35 U.S.C. § 103 Rejections

Claims 20-21

The Examiner has rejected claims 20-21 under 35 U.S.C. §103(a) as being allegedly unpatentable over David C. Wachtel ("Wachtel") as applied to claim 1 above, and further in view of U.S. Patent No. 7,384,196 issued to Skeen, et al. ("Skeen"). Applicant respectfully disagrees.

Dependent Claims

In view of the above remarks, a specific discussion of the dependent claims is considered to be unnecessary. Therefore, applicant's silence regarding any dependent claim is not to be interpreted as agreement with, or acquiescence to, the rejection of such claim or as waiving any argument regarding that claim. Therefore, the remaining dependent claims are also patentable over the cited references. The withdrawal of the rejections under 35 U.S.C. §102(e) is respectfully requested for dependent claims 3-9, 13-16, 18-19, 22 and 24-28. The withdrawal of the rejections under 35 U.S.C. §103(a) is respectfully requested for dependent claims 20-2.

CONCLUSION

In light of the amendments and the preceding arguments, the applicant respectfully requests that the Examiner withdraw all rejections and issue a Notice of Allowance.

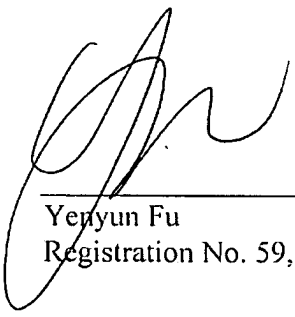
If the Examiner believes that a conference would be of value in expediting the prosecution of this application, he is cordially invited to telephone the undersigned counsel at (650) 838-4306 to arrange for such a conference.

No fees are believed to be due, however, the Commissioner is authorized to charge any underpayment in fees to Deposit Account No. 50-2207 under matter number 61217-8008.US01.

Respectfully submitted,

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